

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
33379US1SERIAL NO.  
10/085,347INFORMATION DISCLOSURE CITATION  
BY APPLICANT  
(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT:

Sunyu Su, et al.

FILING DATE:

February 27, 2002

GROUP ART UNIT:

3736

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
DS	A	6,493,572	12/2002	Sunyu Su, et al.			
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	L						
	M						
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	P						
	Q						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	R	
	S	
	T	

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**U.S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
DS	A	4,825,162	4/1989	Roemer, et al.			
DS	B	5,578,925	11/1996	Molyneaux, et al.			
DS	C	5,594,337	1/1997	Boskamp			
	D						
	E						

**FOREIGN PATENT DOCUMENTS**

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DS	H	D.I. Hoult, et al. "Quadrature Detection in the Laboratory Frame", Magnetic Resonance in Medicine 1, Received October 17, 1983; Copyright 1984, pp. 339-353
DS	I	P.B. Roemer, et al., "The NMR Phased Array", Magnetic Resonance in Medicine 16, Received June 2, 1989; Revised October 3, 1989; Copyright 1990, pp. 192-225
DS	J	C. Leussler, et al, "Improvement of SNR at Low Field Strength Using Mutually Decoupled Coils for Simultaneous NMR Imaging", SMRM 1990 Annual Meeting Proceedings, pp. 724
DS	K	T. Takahashi, et al, "Head-neck Quadrature Multiple RF Coil for Vertical Magnetic Field MRI", SMRM 1997 Annual Meeting Proceedings, pp. 1521

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Dewaang Shah

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